## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 29 December 2004 (29.12.2004)

**PCT** 

## (10) International Publication Number WO 2004/112525 A1

(51) International Patent Classification<sup>7</sup>: 23/02, 23/06, A43D 11/00, 3/02, 3/04

A43B 7/12,

(21) International Application Number:

PCT/IT2004/000351

(22) International Filing Date: 18 June 2004 (18.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: MI2003A001258

20 June 2003 (20.06.2003)

(71) Applicant (for all designated States except US): NEXTEC S.R.L. [IT/IT]; Via del Bosco, 41, I-21052 Busto Arsizio VA (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MORLACCHI, Luca [IT/IT]; Via Roma, 46, I-20025 Legnano (IT).

(74) Agents: PIZZOLI, Antonio et al.; Società Italiana Brevetti S.p.A., Via Carducci, 8, I-20123 Milano (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

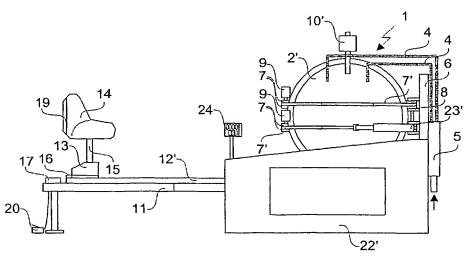
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS AND MACHINE FOR WATERPROOFING SEMIMANUFACTURED FOOTWEAR, CLOTHING ITEMS AND ACCESSORIES, AND SEMIMANUFACTURED PRODUCTS OBTAINED WITH SAID PROCESS OR MACHINE



(57) Abstract: Process for waterproofing semimanufactured footwear, clothing items and accessories, said semimanufactured product having a three-dimensional conformation with at least one inner surface and one outer surface, which comprises the following operative steps: arranging the semimanufactured product onto a shaped support (14; 27, 28, 30, 31) with at least one waterproofing sheath (18) shaped for entirely or partially cover the surfaces to be waterproofed of the semimanufactured product, at least one glue layer being arranged between these surfaces and the waterproofing sheath (18); pressing between two deformable plates (2,2') the semimanufactured product provided with the waterproofing sheath (18) and arranged on the shaped support (14; 27, 28, 30, 31). The present invention also relates to a machine that carries out said process, as well as the semimanufactured products obtained with said process or machine.

1/113535 A1